

## STEPS IN PROBLEM SOLVING

1. Define the problem
2. Gather resources
3. Develop alternative solutions
4. Select the best solution
5. Implement the best solution
6. Evaluate the results and make necessary changes

**THINK ABOUT YOUR ASSIGNMENT AND LIST THE CRITERIA THAT YOUR SOLUTION MUST SATISFY IN ORDER TO SOLVE THE PROBLEM**

|   | satisfies<br>yes or no |
|---|------------------------|
| 1. The plane must <sup>fit</sup> <del>fly</del> using the lab stanchion and power supply. | yes                    |
| 2. The wing design should be aerodynamic to supply lift.                                  | yes                    |
| 3. The tabs must be properly adjusted for the most efficient flight.                      | yes                    |